

REMARKS

Claims 1-50 and 55-59 are pending in the application.

Claims 1-50 and 55-59 are rejected.

Claims 1, 3, 26 and 28 have been amended to more clearly define the differences between the present invention and the prior art.

I. EXAMINER INTERVIEW SUMMARY

The Applicants had a telephone interview with Examiner Aimee Li on October 25, 2004 to discuss an after final response. The Examiner had objected to the drawings under 37 C.F.R. §1.83(a) for failing to show every feature of the invention. While the Applicants agreed that all features are not shown in a single drawing, the Applicants felt that the drawings and the detailed description had met requirements. The Applicants discussed adding a single drawing to comply with the Examiner's suggestion and the Examiner agreed it would not constitute new matter. The Applicants also discussed whether amendments would be considered after final and the Examiner stated she was willing to work with the Applicants to get the case in form for allowance. The Applicants agreed to submit a draft of a new drawing and to summarize why the Applicants feel the present invention differs from the cited prior art.

In a subsequent telephone interview on October 29, 2004, Examiner Aimee Li stated that she had reviewed my proposed amendments faxed to her on October 27, 2004. Examiner Li stated that the new drawing as well as the proposed amendments would be entered and that they had overcome the prior art reference *Tran*. The Examiner stated that she would need to do additional searching relative to the amendments.

II. DRAWINGS

A new drawing FIG. 14 is added per the Examiner's suggestion to overcome the drawing objection under 37 C.F.R. §1.83(a).

### III. REJECTION UNDER 35 U.S.C. § 112

The Examiner rejected Claims 55-59 under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. The Examiner states that Claims 55-59 contain subject matter which was not described in the Specification.

The Applicants assert that the Load and Store operations are described in detail in the Specification. In the Brief Description of Drawings, FIG. 7 and FIG. 12 are identified as being directed to a Load Operation according to embodiments of the present invention and FIG. 8 and FIG. 12 are identified as being directed to a Store Operation according to embodiments of the present invention. The Detailed Description on pages 7-19 go into considerable detail with the specifics claimed in Claims 55-59. The Applicants assert that the rejections of these Claims under 35 U.S.C. §112, first paragraph, are traversed by the Detailed Description on pages 7-19 relative to FIGS. 7, 8, 11, and 12.

### IV. REJECTION UNDER 35 U.S.C. § 102(b)

The Examiner rejected Claims 1-12 and 14-25 under 35 U.S.C. §102(b) as being taught by U.S. Patent No. 5,764,946 to *Tran et al.* (hereafter "*Tran*").

For a reference to anticipate a claimed invention, the reference must disclose every aspect of the claimed invention. *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 U.S.P.Q.2d 1051, 1053 (Fed. Cir. 1987). The identical invention must be shown in as complete detail as is contained in the claim. *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 U.S.P.Q.2d 1913, 1920 (Fed. Cir. 1989).

The Applicants assert that the rejections of Claims 1-12 and 14-25 under 35 U.S.C. §102(b) as being taught by *Tran* are traversed by the added FIG. 14 and the detailed description of FIG. 14 which the Examiner has agreed does not add new matter. Further, the amendments to Claim 1 clearly define limitations of comparing register addresses in the second comparison circuit which the Examiner agreed are not taught or

suggested by *Tran*. Therefore, the Applicants assert that the rejections of Claims 1-12 and 14-25 are traversed by the amendments to Claim 1.

#### IV. REJECTION UNDER 35 U.S.C. § 103(a)

The Examiner rejected Claim 13 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Jerry M. Rosenberg's Dictionary of Computers, Information Processing & Telecommunications* Second Edition<sup>©</sup> 1987 (herein referred to as "*Rosenberg*").

The Examiner rejected Claims 26-37 and 39-50 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Kenneth L Short's Microprocessors and Programmed Logic*<sup>©</sup> 1981 (herein referred to as "*Short*").

The Examiner rejected Claims 38 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Rosenberg* and further in view of *Short*.

To establish a *prima facie* case of obviousness, the Examiner must meet three basic criteria. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be some reasonable expectation of success. Finally, the prior art reference must teach or suggest all the claim limitations.

Claim 13 is dependent from amended Claim 1 and contains all the limitations of Claim 1. The amendments to Claim 1 clearly define limitations of comparing register addresses in the second comparison circuit which the Examiner agreed are not taught or suggested by *Tran*. The Examiner cited *Short* as only teaching that the data entry field is an Operand Mask field which the Examiner states is not taught by *Tran*. *Short* adds no teachings relative to the invention of Claim 1 and thus does not teach or suggest the limitations of Claim 13. Therefore, the Applicants assert that the rejections of Claims 1-

12 and 14-25 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short* are traversed by the amendments to Claim 1.

Amended Claim 26 is an independent claim directed to a data processing system that includes the apparatus of amended Claim 1. The amendments to Claim 26 clearly define limitations of comparing register addresses in the second comparison circuit which the Examiner agreed are not taught or suggested by *Tran*. The Examiner cited *Short* as only teaching the elements of the microprocessor not taught by *Tran*. *Short* adds no teachings relative to the apparatus of Claim 1 contained in the data processing system of amended Claim 26 and thus does not teach or suggest the limitations of Claim 26. Therefore, the Applicants assert that the rejection of Claim 26 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short* are traversed by the amendment to Claims 1 and 26.

Claims 27-37 and 39-50 depend directly or indirectly from amended Claim 26 and contain all the limitations of amended Claim 26. The Applicants have shown that *Tran* does not teach or suggest the invention of amended Claim 26. *Short* adds no teachings relative to the apparatus of amended Claim 1 contained in the data processing system of amended Claim 26 and thus does not teach or suggest the limitations of Claims 27-37 and 39-50. Therefore, the Applicants assert that the rejections of Claims 27-37 and 39-50 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short* are traversed by the amendments to Claims 1 and 26.

Claim 38 is dependent from amended Claim 26 and contains all the limitations of amended Claim 26. The Applicants have shown that *Tran* does not teach or suggest the invention of amended Claim 26. *Short* and *Rosenberg*, singly or in combination, do not add teachings relative to the apparatus of amended Claim 1 contained in the data processing system of amended Claim 26 and thus does not teach or suggest the limitations of Claim 38. Therefore, the Applicants assert that the rejection of Claim 38 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short* and further in view of *Rosenberg* are traversed by the amendments to Claims 1 and 26.

V. CONCLUSION

FIG. 14 has been added as suggested by the Examiner to incorporate the elements of Claim 1 into a single drawing.

The Applicants have traversed the rejections of Claims 55-59 under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement.

The Applicants have traversed the rejections of Claims 1-12 and 14-25 under 35 U.S.C. §102(b) as being anticipated by *Tran*.

The Applicants have traversed the rejections of Claims 13, 26-37, and 19-50 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short*.

The Applicants have traversed the rejections of Claim 38 under 35 U.S.C. §103(a) as being unpatentable over *Tran* in view of *Short* further in view of *Rosenberg*.

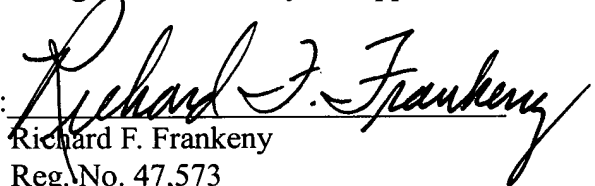
The Applicants, therefore, respectfully assert that Claims 1-50 and Claims 55-59 are now in condition for allowance and request an early allowance of these claims.

Applicants respectfully request that the Examiner call Applicants' attorney at the below listed number if the Examiner believes that such a discussion would be helpful in resolving any remaining problems.

Respectfully submitted,

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**IN THE DRAWINGS**

The attached drawing sheet includes new Fig. 14.

Attachment: New Sheets